

transferred in accordance with a section 242(b)(2) election made under either the transferor plan or under the transferee plan?

A-14. (a) If an amount is transferred from one plan (transferor plan) to another plan (transferee plan), the amount transferred may be distributed in accordance with a section 242(b)(2) election made under the transferor plan if the employee did not elect to have the amount transferred and if the amount transferred is separately accounted for by the transferee plan. However, only the benefit attributable to the amount transferred, plus earnings thereon, may be distributed in accordance with the section 242(b)(2) election made under the transferor plan. If the employee elected to have the amount transferred, the transfer will be treated as a distribution and roll-over of the amount transferred for purposes of this section.

(b) In the case in which an amount is transferred from one plan to another plan, the amount transferred may not be distributed in accordance with a section 242(b)(2) election made under the transferee plan. If a section 242(b)(2) election was made under the transferee plan, the amount transferred must be separately accounted for. If the amount transferred is not separately accounted for under the transferee plan, the section 242(b)(2) election under the transferee plan is revoked and section 401(a)(9) will apply to subsequent distributions by the transferee plan.

(c) A merger, spinoff, or consolidation, as defined in §1.414(l)-1(b), will be treated as a transfer for purposes of the section 242(b)(2) election.

Q-15. If an amount is distributed by one plan (distributing plan) and rolled over into another plan (receiving plan), may the receiving plan distribute the amount rolled over in accordance with a section 242(b)(2) election made under either the distributing plan or the receiving plan?

A-15. No, if an amount is distributed by one plan (distributing plan) and rolled over into another plan (receiving plan), the receiving plan must distribute the amount rolled over in accordance with section 401(a)(9) whether or not the employee made a section

242(b)(2) election under the distributing plan. Further, if the amount rolled over was not distributed in accordance with the election, the election under the distributing plan is revoked and section 401(a)(9) will apply to all subsequent distributions by the distributing plan. Finally, if the employee made a section 242(b)(2) election under the receiving plan and such election is still in effect, the amount rolled over must be separately accounted for under the receiving plan and distributed in accordance with section 401(a)(9). If amounts rolled over are not separately accounted for, any section 242(b)(2) election under the receiving plan is revoked and section 401(a)(9) will apply to subsequent distributions by the receiving plan.

Q-16. May a section 242(b)(2) election be revoked after the date by which distributions are required to commence in order to satisfy section 401(a)(9) and this section of the regulations?

A-16. Yes, a section 242(b)(2) election may be revoked after the date by which distributions are required to commence in order to satisfy section 401(a)(9) and this section of the regulations. However, if the section 242(b)(2) election is revoked after the date by which distributions are required to commence in order to satisfy section 401(a)(9) and this section of the regulations and the total amount of the distributions which would have been required to be made prior to the date of the revocation in order to satisfy section 401(a)(9), but for the section 242(b)(2) election, have not been made, the plan must distribute by the end of the calendar year following the calendar year in which the revocation occurs the total amount not yet distributed which was required to have been distributed to satisfy the requirements of section 401(a)(9) and continue distributions in accordance with such requirements.

[T.D. 8987, 67 FR 18994, Apr. 17, 2002, as amended by T.D. 9130, 69 FR 33293, 33302, June 15, 2004]

#### § 1.401(a)(9)-9 Life expectancy and distribution period tables.

Q-1. What is the life expectancy for an individual for purposes of determining required minimum distributions under section 401(a)(9)?

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A-1 The following table, referred to as the Single Life Table, is used for determining the life expectancy of an individual:

Age	Life expectancy
0	82.4
1	81.6
2	80.6
3	79.7
4	78.7
5	77.7
6	76.7
7	75.8
8	74.8
9	73.8
10	72.8
11	71.8
12	70.8
13	69.9
14	68.9
15	67.9
16	66.9
17	66.0
18	65.0
19	64.0
20	63.0
21	62.1
22	61.1
23	60.1
24	59.1
25	58.2
26	57.2
27	56.2
28	55.3
29	54.3
30	53.3
31	52.4
32	51.4
33	50.4
34	49.4
35	48.5
36	47.5
37	46.5
38	45.6
39	44.6
40	43.6
41	42.7
42	41.7
43	40.7
44	39.8
45	38.8
46	37.9
47	37.0
48	36.0
49	35.1
50	34.2
51	33.3
52	32.3
53	31.4
54	30.5
55	29.6
56	28.7
57	27.9
58	27.0
59	26.1
60	25.2
61	24.4
62	23.5
63	22.7
64	21.8

SINGLE LIFE TABLE—Continued

Age	Life expectancy
65	21.0
66	20.2
67	19.4
68	18.6
69	17.8
70	17.0
71	16.3
72	15.5
73	14.8
74	14.1
75	13.4
76	12.7
77	12.1
78	11.4
79	10.8
80	10.2
81	9.7
82	9.1
83	8.6
84	8.1
85	7.6
86	7.1
87	6.7
88	6.3
89	5.9
90	5.5
91	5.2
92	4.9
93	4.6
94	4.3
95	4.1
96	3.8
97	3.6
98	3.4
99	3.1
100	2.9
101	2.7
102	2.5
103	2.3
104	2.1
105	1.9
106	1.7
107	1.5
108	1.4
109	1.2
110	1.1
111+	1.0

Q-2. What is the applicable distribution period for an individual account for purposes of determining required minimum distributions during an employee's lifetime under section 401(a)(9)?

A-2. *Table for determining distribution period.* The following table, referred to as the Uniform Lifetime Table, is used for determining the distribution period for lifetime distributions to an employee in situations in which the employee's spouse is either not the sole designated beneficiary or is the sole designated beneficiary but is not more than 10 years younger than the employee.

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UNIFORM LIFETIME TABLE

Age of employee	Distribution period
70	27.4
71	26.5
72	25.6
73	24.7
74	23.8
75	22.9
76	22.0
77	21.2
78	20.3
79	19.5
80	18.7
81	17.9
82	17.1
83	16.3
84	15.5
85	14.8
86	14.1
87	13.4
88	12.7
89	12.0
90	11.4
91	10.8
92	10.2
93	9.6
94	9.1
95	8.6
96	8.1
97	7.6
98	7.1
99	6.7
100	6.3

UNIFORM LIFETIME TABLE—Continued

Age of employee	Distribution period
101	5.9
102	5.5
103	5.2
104	4.9
105	4.5
106	4.2
107	3.9
108	3.7
109	3.4
110	3.1
111	2.9
112	2.6
113	2.4
114	2.1
115+	1.9

Q-3. What is the joint life and last survivor expectancy of an individual and beneficiary for purposes of determining required minimum distributions under section 401(a)(9)?

A-3. The following table, referred to as the Joint and Last Survivor Table, is used for determining the joint and last survivor life expectancy of two individuals:

JOINT AND LAST SURVIVOR TABLE

Ages	0	1	2	3	4	5	6	7	8	9
0	90.0	89.5	89.0	88.6	88.2	87.8	87.4	87.1	86.8	86.5
1	89.5	89.0	88.5	88.1	87.6	87.2	86.8	86.5	86.1	85.8
2	89.0	88.5	88.0	87.5	87.1	86.6	86.2	85.8	85.5	85.1
3	88.6	88.1	87.5	87.0	86.5	86.1	85.6	85.2	84.8	84.5
4	88.2	87.6	87.1	86.5	86.0	85.5	85.1	84.6	84.2	83.8
5	87.8	87.2	86.6	86.1	85.5	85.0	84.5	84.1	83.6	83.2
6	87.4	86.8	86.2	85.6	85.1	84.5	84.0	83.5	83.1	82.6
7	87.1	86.5	85.8	85.2	84.6	84.1	83.5	83.0	82.5	82.1
8	86.8	86.1	85.5	84.8	84.2	83.6	83.1	82.5	82.0	81.6
9	86.5	85.8	85.1	84.5	83.8	83.2	82.6	82.1	81.6	81.0
10	86.2	85.5	84.8	84.1	83.5	82.8	82.2	81.6	81.1	80.6
11	85.9	85.2	84.5	83.8	83.1	82.5	81.8	81.2	80.7	80.1
12	85.7	84.9	84.2	83.5	82.8	82.1	81.5	80.8	80.2	79.7
13	85.4	84.7	84.0	83.2	82.5	81.8	81.1	80.5	79.9	79.2
14	85.2	84.5	83.7	83.0	82.2	81.5	80.8	80.1	79.5	78.9
15	85.0	84.3	83.5	82.7	82.0	81.2	80.5	79.8	79.1	78.5
16	84.9	84.1	83.3	82.5	81.7	81.0	80.2	79.5	78.8	78.1
17	84.7	83.9	83.1	82.3	81.5	80.7	80.0	79.2	78.5	77.8
18	84.5	83.7	82.9	82.1	81.3	80.5	79.7	79.0	78.2	77.5
19	84.4	83.6	82.7	81.9	81.1	80.3	79.5	78.7	78.0	77.3
20	84.3	83.4	82.6	81.8	80.9	80.1	79.3	78.5	77.7	77.0
21	84.1	83.3	82.4	81.6	80.8	79.9	79.1	78.3	77.5	76.8
22	84.0	83.2	82.3	81.5	80.6	79.8	78.9	78.1	77.3	76.5
23	83.9	83.1	82.2	81.3	80.5	79.6	78.8	77.9	77.1	76.3
24	83.8	83.0	82.1	81.2	80.3	79.5	78.6	77.8	76.9	76.1
25	83.7	82.9	82.0	81.1	80.2	79.3	78.5	77.6	76.8	75.9
26	83.6	82.8	81.9	81.0	80.1	79.2	78.3	77.5	76.6	75.8
27	83.6	82.7	81.8	80.9	80.0	79.1	78.2	77.4	76.5	75.6
28	83.5	82.6	81.7	80.8	79.9	79.0	78.1	77.2	76.4	75.5
29	83.4	82.6	81.6	80.7	79.8	78.9	78.0	77.1	76.2	75.4
30	83.4	82.5	81.6	80.7	79.7	78.8	77.9	77.0	76.1	75.2
31	83.3	82.4	81.5	80.6	79.7	78.8	77.8	76.9	76.0	75.1
32	83.3	82.4	81.5	80.5	79.6	78.7	77.8	76.8	75.9	75.0
33	83.2	82.3	81.4	80.5	79.5	78.6	77.7	76.8	75.9	74.9
34	83.2	82.3	81.3	80.4	79.5	78.5	77.6	76.7	75.8	74.9
35	83.1	82.2	81.3	80.4	79.4	78.5	77.6	76.6	75.7	74.8

JOINT AND LAST SURVIVOR TABLE—Continued

Ages	0	1	2	3	4	5	6	7	8	9
36	83.1	82.2	81.3	80.3	79.4	78.4	77.5	76.6	75.6	74.7
37	83.0	82.2	81.2	80.3	79.3	78.4	77.4	76.5	75.6	74.6
38	83.0	82.1	81.2	80.2	79.3	78.3	77.4	76.4	75.5	74.6
39	83.0	82.1	81.1	80.2	79.2	78.3	77.3	76.4	75.5	74.5
40	82.9	82.1	81.1	80.2	79.2	78.3	77.3	76.4	75.4	74.5
41	82.9	82.0	81.1	80.1	79.2	78.2	77.3	76.3	75.4	74.4
42	82.9	82.0	81.1	80.1	79.1	78.2	77.2	76.3	75.3	74.4
43	82.9	82.0	81.0	80.1	79.1	78.2	77.2	76.2	75.3	74.3
44	82.8	81.9	81.0	80.0	79.1	78.1	77.2	76.2	75.2	74.3
45	82.8	81.9	81.0	80.0	79.1	78.1	77.1	76.2	75.2	74.3
46	82.8	81.9	81.0	80.0	79.0	78.1	77.1	76.1	75.2	74.2
47	82.8	81.9	80.9	80.0	79.0	78.0	77.1	76.1	75.2	74.2
48	82.8	81.9	80.9	80.0	79.0	78.0	77.1	76.1	75.1	74.2
49	82.7	81.8	80.9	79.9	79.0	78.0	77.0	76.1	75.1	74.1
50	82.7	81.8	80.9	79.9	79.0	78.0	77.0	76.0	75.1	74.1
51	82.7	81.8	80.9	79.9	78.9	78.0	77.0	76.0	75.1	74.1
52	82.7	81.8	80.9	79.9	78.9	78.0	77.0	76.0	75.0	74.1
53	82.7	81.8	80.8	79.9	78.9	77.9	77.0	76.0	75.0	74.0
54	82.7	81.8	80.8	79.9	78.9	77.9	76.9	76.0	75.0	74.0
55	82.6	81.8	80.8	79.8	78.9	77.9	76.9	76.0	75.0	74.0
56	82.6	81.7	80.8	79.8	78.9	77.9	76.9	75.9	75.0	74.0
57	82.6	81.7	80.8	79.8	78.9	77.9	76.9	75.9	75.0	74.0
58	82.6	81.7	80.8	79.8	78.8	77.9	76.9	75.9	74.9	74.0
59	82.6	81.7	80.8	79.8	78.8	77.9	76.9	75.9	74.9	74.0
60	82.6	81.7	80.8	79.8	78.8	77.8	76.9	75.9	74.9	73.9
61	82.6	81.7	80.8	79.8	78.8	77.8	76.9	75.9	74.9	73.9
62	82.6	81.7	80.7	79.8	78.8	77.8	76.9	75.9	74.9	73.9
63	82.6	81.7	80.7	79.8	78.8	77.8	76.8	75.9	74.9	73.9
64	82.5	81.7	80.7	79.8	78.8	77.8	76.8	75.9	74.9	73.9
65	82.5	81.7	80.7	79.8	78.8	77.8	76.8	75.8	74.9	73.9
66	82.5	81.7	80.7	79.7	78.8	77.8	76.8	75.8	74.9	73.9
67	82.5	81.7	80.7	79.7	78.8	77.8	76.8	75.8	74.9	73.9
68	82.5	81.6	80.7	79.7	78.8	77.8	76.8	75.8	74.8	73.9
69	82.5	81.6	80.7	79.7	78.8	77.8	76.8	75.8	74.8	73.9
70	82.5	81.6	80.7	79.7	78.8	77.8	76.8	75.8	74.8	73.9
71	82.5	81.6	80.7	79.7	78.7	77.8	76.8	75.8	74.8	73.8
72	82.5	81.6	80.7	79.7	78.7	77.8	76.8	75.8	74.8	73.8
73	82.5	81.6	80.7	79.7	78.7	77.8	76.8	75.8	74.8	73.8
74	82.5	81.6	80.7	79.7	78.7	77.8	76.8	75.8	74.8	73.8
75	82.5	81.6	80.7	79.7	78.7	77.8	76.8	75.8	74.8	73.8
76	82.5	81.6	80.7	79.7	78.7	77.8	76.8	75.8	74.8	73.8
77	82.5	81.6	80.7	79.7	78.7	77.7	76.8	75.8	74.8	73.8
78	82.5	81.6	80.7	79.7	78.7	77.7	76.8	75.8	74.8	73.8
79	82.5	81.6	80.7	79.7	78.7	77.7	76.8	75.8	74.8	73.8
80	82.5	81.6	80.7	79.7	78.7	77.7	76.8	75.8	74.8	73.8
81	82.4	81.6	80.7	79.7	78.7	77.7	76.8	75.8	74.8	73.8
82	82.4	81.6	80.7	79.7	78.7	77.7	76.8	75.8	74.8	73.8
83	82.4	81.6	80.7	79.7	78.7	77.7	76.8	75.8	74.8	73.8
84	82.4	81.6	80.7	79.7	78.7	77.7	76.8	75.8	74.8	73.8
85	82.4	81.6	80.6	79.7	78.7	77.7	76.8	75.8	74.8	73.8
86	82.4	81.6	80.6	79.7	78.7	77.7	76.7	75.8	74.8	73.8
87	82.4	81.6	80.6	79.7	78.7	77.7	76.7	75.8	74.8	73.8
88	82.4	81.6	80.6	79.7	78.7	77.7	76.7	75.8	74.8	73.8
89	82.4	81.6	80.6	79.7	78.7	77.7	76.7	75.8	74.8	73.8
90	82.4	81.6	80.6	79.7	78.7	77.7	76.7	75.8	74.8	73.8
91	82.4	81.6	80.6	79.7	78.7	77.7	76.7	75.8	74.8	73.8
92	82.4	81.6	80.6	79.7	78.7	77.7	76.7	75.8	74.8	73.8
93	82.4	81.6	80.6	79.7	78.7	77.7	76.7	75.8	74.8	73.8
94	82.4	81.6	80.6	79.7	78.7	77.7	76.7	75.8	74.8	73.8
95	82.4	81.6	80.6	79.7	78.7	77.7	76.7	75.8	74.8	73.8
96	82.4	81.6	80.6	79.7	78.7	77.7	76.7	75.8	74.8	73.8
97	82.4	81.6	80.6	79.7	78.7	77.7	76.7	75.8	74.8	73.8
98	82.4	81.6	80.6	79.7	78.7	77.7	76.7	75.8	74.8	73.8
99	82.4	81.6	80.6	79.7	78.7	77.7	76.7	75.8	74.8	73.8
100	82.4	81.6	80.6	79.7	78.7	77.7	76.7	75.8	74.8	73.8
101	82.4	81.6	80.6	79.7	78.7	77.7	76.7	75.8	74.8	73.8
102	82.4	81.6	80.6	79.7	78.7	77.7	76.7	75.8	74.8	73.8
103	82.4	81.6	80.6	79.7	78.7	77.7	76.7	75.8	74.8	73.8
104	82.4	81.6	80.6	79.7	78.7	77.7	76.7	75.8	74.8	73.8
105	82.4	81.6	80.6	79.7	78.7	77.7	76.7	75.8	74.8	73.8
106	82.4	81.6	80.6	79.7	78.7	77.7	76.7	75.8	74.8	73.8
107	82.4	81.6	80.6	79.7	78.7	77.7	76.7	75.8	74.8	73.8

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JOINT AND LAST SURVIVOR TABLE—Continued

Ages	0	1	2	3	4	5	6	7	8	9
108 .....	82.4	81.6	80.6	79.7	78.7	77.7	76.7	75.8	74.8	73.8
109 .....	82.4	81.6	80.6	79.7	78.7	77.7	76.7	75.8	74.8	73.8
110 .....	82.4	81.6	80.6	79.7	78.7	77.7	76.7	75.8	74.8	73.8
111 .....	82.4	81.6	80.6	79.7	78.7	77.7	76.7	75.8	74.8	73.8
112 .....	82.4	81.6	80.6	79.7	78.7	77.7	76.7	75.8	74.8	73.8
113 .....	82.4	81.6	80.6	79.7	78.7	77.7	76.7	75.8	74.8	73.8
114 .....	82.4	81.6	80.6	79.7	78.7	77.7	76.7	75.8	74.8	73.8
115+ .....	82.4	81.6	80.6	79.7	78.7	77.7	76.7	75.8	74.8	73.8

Ages	10	11	12	13	14	15	16	17	18	19
10	80.0	79.6	79.1	78.7	78.2	77.9	77.5	77.2	76.8	76.5
11	79.6	79.0	78.6	78.1	77.7	77.3	76.9	76.5	76.2	75.8
12	79.1	78.6	78.1	77.6	77.1	76.7	76.3	75.9	75.5	75.2
13	78.7	78.1	77.6	77.1	76.6	76.1	75.7	75.3	74.9	74.5
14	78.2	77.7	77.1	76.6	76.1	75.6	75.1	74.7	74.3	73.9
15	77.9	77.3	76.7	76.2	75.6	75.1	74.6	74.1	73.7	73.3
16	77.5	76.9	76.3	75.7	75.1	74.6	74.1	73.6	73.1	72.7
17	77.2	76.5	75.9	75.3	74.7	74.3	73.6	73.1	72.6	72.1
18	76.8	76.2	75.5	74.9	74.3	73.7	73.1	72.6	72.1	71.6
19	76.5	75.8	75.2	74.5	73.9	73.3	72.7	72.1	71.6	71.1
20	76.3	75.5	74.8	74.2	73.5	72.9	72.3	71.7	71.1	70.6
21	76.0	75.3	74.5	73.8	73.2	72.5	71.9	71.3	70.7	70.1
22	75.8	75.0	74.3	73.5	72.9	72.2	71.5	70.9	70.3	69.7
23	75.5	74.8	74.0	73.3	72.6	71.9	71.2	70.5	69.9	69.3
24	75.3	74.5	73.8	73.0	72.3	71.6	70.9	70.2	69.5	68.9
25	75.1	74.3	73.5	72.8	72.0	71.3	70.6	69.9	69.2	68.5
26	75.0	74.1	73.3	72.5	71.8	71.0	70.3	69.6	68.9	68.2
27	74.8	74.0	73.1	72.3	71.6	70.8	70.0	69.3	68.6	67.9
28	74.6	73.8	73.0	72.2	71.3	70.6	69.8	69.0	68.3	67.6
29	74.5	73.6	72.8	72.0	71.2	70.4	69.6	68.8	68.0	67.3
30	74.4	73.5	72.7	71.8	71.0	70.2	69.4	68.6	67.8	67.1
31	74.3	73.4	72.5	71.7	70.8	70.0	69.2	68.4	67.6	66.8
32	74.1	73.3	72.4	71.5	70.7	69.8	69.0	68.2	67.4	66.6
33	74.0	73.2	72.3	71.4	70.5	69.7	68.8	68.0	67.2	66.4
34	73.9	73.0	72.2	71.3	70.4	69.5	68.7	67.8	67.0	66.2
35	73.9	73.0	72.1	71.2	70.3	69.4	68.5	67.7	66.8	66.0
36	73.8	72.9	72.0	71.1	70.2	69.3	68.4	67.6	66.7	65.9
37	73.7	72.8	71.9	71.0	70.1	69.2	68.3	67.4	66.6	65.7
38	73.6	72.7	71.8	70.9	70.0	69.1	68.2	67.3	66.4	65.6
39	73.6	72.7	71.7	70.8	69.9	69.0	68.1	67.2	66.3	65.4
40	73.5	72.6	71.7	70.7	69.8	68.9	68.0	67.1	66.2	65.3
41	73.5	72.5	71.6	70.7	69.7	68.8	67.9	67.0	66.1	65.2
42	73.4	72.5	71.5	70.6	69.7	68.8	67.8	66.9	66.0	65.1
43	73.4	72.4	71.5	70.6	69.6	68.7	67.8	66.8	65.9	65.0
44	73.3	72.4	71.4	70.5	69.6	68.6	67.7	66.8	65.9	64.9
45	73.3	72.3	71.4	70.5	69.5	68.6	67.6	66.7	65.8	64.9
46	73.3	72.3	71.4	70.4	69.5	68.5	67.6	66.6	65.7	64.8
47	73.2	72.3	71.3	70.4	69.4	68.5	67.5	66.6	65.7	64.7
48	73.2	72.2	71.3	70.3	69.4	68.4	67.5	66.5	65.6	64.7
49	73.2	72.2	71.2	70.3	69.3	68.4	67.4	66.5	65.6	64.6
50	73.1	72.2	71.2	70.3	69.3	68.4	67.4	66.5	65.5	64.6
51	73.1	72.2	71.2	70.2	69.3	68.3	67.4	66.4	65.5	64.5
52	73.1	72.1	71.2	70.2	69.2	68.3	67.3	66.4	65.4	64.5
53	73.1	72.1	71.1	70.2	69.2	68.3	67.3	66.3	65.4	64.4
54	73.1	72.1	71.1	70.2	69.2	68.2	67.3	66.3	65.4	64.4
55	73.0	72.1	71.1	70.1	69.2	68.2	67.2	66.3	65.3	64.4
56	73.0	72.1	71.1	70.1	69.1	68.2	67.2	66.3	65.3	64.3
57	73.0	72.0	71.1	70.1	69.1	68.2	67.2	66.2	65.3	64.3

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58	73.0	72.0	71.0	70.1	69.1	68.1	67.2	66.2	65.2	64.3
59	73.0	72.0	71.0	70.1	69.1	68.1	67.2	66.2	65.2	64.3
60	73.0	72.0	71.0	70.0	69.1	68.1	67.1	66.2	65.2	64.2
61	73.0	72.0	71.0	70.0	69.0	68.1	67.1	66.1	65.2	64.2
62	72.9	72.0	71.0	70.0	69.0	68.1	67.1	66.1	65.2	64.2
63	72.9	72.0	71.0	70.0	69.0	68.0	67.1	66.1	65.1	64.2
64	72.9	71.9	71.0	70.0	69.0	68.0	67.1	66.1	65.1	64.2
65	72.9	71.9	70.9	70.0	69.0	68.0	67.1	66.1	65.1	64.1
66	72.9	71.9	70.9	70.0	69.0	68.0	67.0	66.1	65.1	64.1
67	72.9	71.9	70.9	70.0	69.0	68.0	67.0	66.1	65.1	64.1
68	72.9	71.9	70.9	70.0	69.0	68.0	67.0	66.1	65.1	64.1
69	72.9	71.9	70.9	69.9	69.0	68.0	67.0	66.1	65.1	64.1
70	72.9	71.9	70.9	69.9	69.0	68.0	67.0	66.0	65.1	64.1
71	72.9	71.9	70.9	69.9	69.0	68.0	67.0	66.0	65.1	64.1
72	72.9	71.9	70.9	69.9	69.0	68.0	67.0	66.0	65.1	64.1
73	72.9	71.9	70.9	69.9	68.9	68.0	67.0	66.0	65.0	64.1
74	72.9	71.9	70.9	69.9	68.9	68.0	67.0	66.0	65.0	64.1
75	72.8	71.9	70.9	69.9	68.9	68.0	67.0	66.0	65.0	64.1
76	72.8	71.9	70.9	69.9	68.9	68.0	67.0	66.0	65.0	64.1
77	72.8	71.9	70.9	69.9	68.9	68.0	67.0	66.0	65.0	64.1
78	72.8	71.9	70.9	69.9	68.9	67.9	67.0	66.0	65.0	64.0
79	72.8	71.9	70.9	69.9	68.9	67.9	67.0	66.0	65.0	64.0
80	72.8	71.9	70.9	69.9	68.9	67.9	67.0	66.0	65.0	64.0
81	72.8	71.8	70.9	69.9	68.9	67.9	67.0	66.0	65.0	64.0
82	72.8	71.8	70.9	69.9	68.9	67.9	67.0	66.0	65.0	64.0
83	72.8	71.8	70.9	69.9	68.9	67.9	67.0	66.0	65.0	64.0
84	72.8	71.8	70.9	69.9	68.9	67.9	67.0	66.0	65.0	64.0
85	72.8	71.8	70.9	69.9	68.9	67.9	66.9	66.0	65.0	64.0
86	72.8	71.8	70.9	69.9	68.9	67.9	66.9	66.0	65.0	64.0
87	72.8	71.8	70.9	69.9	68.9	67.9	66.9	66.0	65.0	64.0
88	72.8	71.8	70.9	69.9	68.9	67.9	66.9	66.0	65.0	64.0
89	72.8	71.8	70.9	69.9	68.9	67.9	66.9	66.0	65.0	64.0
90	72.8	71.8	70.9	69.9	68.9	67.9	66.9	66.0	65.0	64.0
91	72.8	71.8	70.9	69.9	68.9	67.9	66.9	66.0	65.0	64.0
92	72.8	71.8	70.9	69.9	68.9	67.9	66.9	66.0	65.0	64.0
93	72.8	71.8	70.9	69.9	68.9	67.9	66.9	66.0	65.0	64.0
94	72.8	71.8	70.8	69.9	68.9	67.9	66.9	66.0	65.0	64.0
95	72.8	71.8	70.8	69.9	68.9	67.9	66.9	66.0	65.0	64.0
96	72.8	71.8	70.8	69.9	68.9	67.9	66.9	66.0	65.0	64.0
97	72.8	71.8	70.8	69.9	68.9	67.9	66.9	66.0	65.0	64.0
98	72.8	71.8	70.8	69.9	68.9	67.9	66.9	66.0	65.0	64.0
99	72.8	71.8	70.8	69.9	68.9	67.9	66.9	66.0	65.0	64.0
100	72.8	71.8	70.8	69.9	68.9	67.9	66.9	66.0	65.0	64.0
101	72.8	71.8	70.8	69.9	68.9	67.9	66.9	66.0	65.0	64.0
102	72.8	71.8	70.8	69.9	68.9	67.9	66.9	66.0	65.0	64.0
103	72.8	71.8	70.8	69.9	68.9	67.9	66.9	66.0	65.0	64.0
104	72.8	71.8	70.8	69.9	68.9	67.9	66.9	66.0	65.0	64.0
105	72.8	71.8	70.8	69.9	68.9	67.9	66.9	66.0	65.0	64.0
106	72.8	71.8	70.8	69.9	68.9	67.9	66.9	66.0	65.0	64.0
107	72.8	71.8	70.8	69.9	68.9	67.9	66.9	66.0	65.0	64.0

Ages	10	11	12	13	14	15	16	17	18	19
108	72.8	71.8	70.8	69.9	68.9	67.9	66.9	66.0	65.0	64.0
109	72.8	71.8	70.8	69.9	68.9	67.9	66.9	66.0	65.0	64.0
110	72.8	71.8	70.8	69.9	68.9	67.9	66.9	66.0	65.0	64.0
111	72.8	71.8	70.8	69.9	68.9	67.9	66.9	66.0	65.0	64.0
112	72.8	71.8	70.8	69.9	68.9	67.9	66.9	66.0	65.0	64.0
113	72.8	71.8	70.8	69.9	68.9	67.9	66.9	66.0	65.0	64.0
114	72.8	71.8	70.8	69.9	68.9	67.9	66.9	66.0	65.0	64.0
115+	72.8	71.8	70.8	69.9	68.9	67.9	66.9	66.0	65.0	64.0

  

Ages	20	21	22	23	24	25	26	27	28	29
20	70.1	69.6	69.1	68.7	68.3	67.9	67.5	67.2	66.9	66.6
21	69.6	69.1	68.6	68.2	67.7	67.3	66.9	66.6	66.2	65.9
22	69.1	68.6	68.1	67.6	67.2	66.7	66.3	66.0	65.6	65.2
23	68.7	68.2	67.9	67.1	66.6	66.2	65.7	65.3	64.9	64.6
24	68.3	67.7	67.2	66.6	66.1	65.6	65.2	64.7	64.3	63.9
25	67.9	67.3	66.7	66.2	65.6	65.1	64.6	64.2	63.7	63.3
26	67.5	66.9	66.3	65.7	65.2	64.6	64.1	63.6	63.2	62.8
27	67.2	66.6	65.9	65.3	64.7	64.2	63.6	63.1	62.7	62.2
28	66.9	66.2	65.6	64.9	64.3	63.7	63.2	62.7	62.1	61.7
29	66.6	65.9	65.2	64.6	63.9	63.3	62.8	62.2	61.7	61.2
30	66.3	65.6	64.9	64.2	63.6	62.9	62.3	61.8	61.2	60.7
31	66.1	65.3	64.6	63.9	63.2	62.6	62.0	61.4	60.8	60.2
32	65.8	65.1	64.3	63.6	62.9	62.2	61.6	61.0	60.4	59.8
33	65.6	64.8	64.1	63.3	62.6	61.9	61.3	60.6	60.0	59.4
34	65.4	64.6	63.8	63.1	62.3	61.6	60.9	60.3	59.6	59.0
35	65.2	64.4	63.6	62.8	62.1	61.4	60.6	59.9	59.3	58.6
36	65.0	64.2	63.4	62.6	61.9	61.1	60.4	59.6	59.0	58.3
37	64.9	64.0	63.2	62.4	61.6	60.9	60.1	59.4	58.7	58.0
38	64.7	63.7	63.0	62.2	61.4	60.6	59.9	59.1	58.4	57.7
39	64.6	63.7	62.9	62.1	61.2	60.4	59.6	58.9	58.1	57.4
40	64.4	63.6	62.7	61.9	61.1	60.2	59.4	58.7	57.9	57.1
41	64.3	63.5	62.6	61.7	60.9	60.1	59.3	58.5	57.7	56.9
42	64.2	63.3	62.5	61.6	60.8	59.9	59.1	58.3	57.5	56.7
43	64.1	63.2	62.4	61.5	60.6	59.8	58.9	58.1	57.3	56.5
44	64.0	63.1	62.2	61.4	60.5	59.6	58.8	57.9	57.1	56.3
45	64.0	63.0	62.2	61.3	60.4	59.5	58.6	57.8	56.9	56.1
46	63.9	63.0	62.1	61.2	60.3	59.4	58.5	57.7	56.8	56.0
47	63.8	62.9	62.0	61.1	60.2	59.3	58.4	57.5	56.7	55.8
48	63.7	62.8	61.9	61.0	60.1	59.2	58.3	57.4	56.5	55.7
49	63.7	62.8	61.8	60.9	60.0	59.1	58.2	57.3	56.4	55.6
50	63.6	62.7	61.8	60.8	59.9	59.0	58.1	57.2	56.3	55.4
51	63.6	62.6	61.7	60.8	59.9	59.0	58.0	57.1	56.2	55.3
52	63.5	62.6	61.7	60.7	59.8	58.9	58.0	57.1	56.1	55.2
53	63.5	62.5	61.6	60.7	59.7	58.8	57.9	57.0	56.0	55.1
54	63.5	62.5	61.6	60.6	59.7	58.8	57.8	56.9	56.0	55.1
55	63.4	62.5	61.5	60.6	59.6	58.7	57.8	56.8	55.9	55.0
56	63.4	62.4	61.5	60.5	59.6	58.7	57.7	56.8	55.9	54.9



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57	63.4	62.4	61.4	60.5	59.6	58.6	57.7	56.7	55.8	54.9
58	63.3	62.3	61.4	60.5	59.5	58.6	57.6	56.7	55.8	54.8
59	63.3	62.3	61.4	60.4	59.5	58.5	57.6	56.7	55.7	54.8
60	63.3	62.3	61.3	60.4	59.4	58.5	57.5	56.6	55.7	54.7
61	63.3	62.3	61.3	60.4	59.4	58.4	57.5	56.5	55.6	54.7
62	63.2	62.3	61.3	60.3	59.4	58.4	57.4	56.5	55.6	54.6
63	63.2	62.2	61.3	60.3	59.3	58.4	57.4	56.5	55.5	54.6
64	63.2	62.2	61.3	60.3	59.3	58.4	57.4	56.5	55.5	54.6
65	63.2	62.2	61.2	60.3	59.3	58.4	57.4	56.4	55.5	54.5
66	63.2	62.2	61.2	60.3	59.3	58.3	57.4	56.4	55.5	54.5
67	63.2	62.2	61.2	60.2	59.3	58.3	57.4	56.4	55.4	54.5
68	63.1	62.2	61.2	60.2	59.3	58.3	57.3	56.4	55.4	54.5
69	63.1	62.2	61.2	60.2	59.3	58.3	57.3	56.4	55.4	54.4
70	63.1	62.2	61.2	60.2	59.3	58.3	57.3	56.4	55.4	54.4
71	63.1	62.1	61.2	60.2	59.2	58.3	57.3	56.4	55.4	54.4
72	63.1	62.1	61.2	60.2	59.2	58.3	57.3	56.3	55.4	54.4
73	63.1	62.1	61.2	60.2	59.2	58.3	57.3	56.3	55.4	54.4
74	63.1	62.1	61.2	60.2	59.2	58.2	57.3	56.3	55.4	54.4
75	63.1	62.1	61.1	60.2	59.2	58.2	57.3	56.3	55.3	54.4
76	63.1	62.1	61.1	60.2	59.2	58.2	57.3	56.3	55.3	54.4
77	63.1	62.1	61.1	60.2	59.2	58.2	57.3	56.3	55.3	54.4
78	63.1	62.1	61.1	60.2	59.2	58.2	57.3	56.3	55.3	54.4
79	63.1	62.1	61.1	60.2	59.2	58.2	57.2	56.3	55.3	54.3
80	63.1	62.1	61.1	60.1	59.2	58.2	57.2	56.3	55.3	54.3
81	63.1	62.1	61.1	60.1	59.2	58.2	57.2	56.3	55.3	54.3
82	63.1	62.1	61.1	60.1	59.2	58.2	57.2	56.3	55.3	54.3
83	63.1	62.1	61.1	60.1	59.2	58.2	57.2	56.3	55.3	54.3
84	63.0	62.1	61.1	60.1	59.2	58.2	57.2	56.3	55.3	54.3
85	63.0	62.1	61.1	60.1	59.2	58.2	57.2	56.3	55.3	54.3
86	63.0	62.1	61.1	60.1	59.2	58.2	57.2	56.3	55.3	54.3
87	63.0	62.1	61.1	60.1	59.2	58.2	57.2	56.2	55.3	54.3
88	63.0	62.1	61.1	60.1	59.2	58.2	57.2	56.2	55.3	54.3
89	63.0	62.1	61.1	60.1	59.1	58.2	57.2	56.2	55.3	54.3
90	63.0	62.1	61.1	60.1	59.1	58.2	57.2	56.2	55.3	54.3
91	63.0	62.1	61.1	60.1	59.1	58.2	57.2	56.2	55.3	54.3
92	63.0	62.1	61.1	60.1	59.1	58.2	57.2	56.2	55.3	54.3
93	63.0	62.1	61.1	60.1	59.1	58.2	57.2	56.2	55.3	54.3
94	63.0	62.1	61.1	60.1	59.1	58.2	57.2	56.2	55.3	54.3
95	63.0	62.1	61.1	60.1	59.1	58.2	57.2	56.2	55.3	54.3
96	63.0	62.1	61.1	60.1	59.1	58.2	57.2	56.2	55.3	54.3
97	63.0	62.1	61.1	60.1	59.1	58.2	57.2	56.2	55.3	54.3
98	63.0	62.1	61.1	60.1	59.1	58.2	57.2	56.2	55.3	54.3
99	63.0	62.1	61.1	60.1	59.1	58.2	57.2	56.2	55.3	54.3
100	63.0	62.1	61.1	60.1	59.1	58.2	57.2	56.2	55.3	54.3
101	63.0	62.1	61.1	60.1	59.1	58.2	57.2	56.2	55.3	54.3
102	63.0	62.1	61.1	60.1	59.1	58.2	57.2	56.2	55.3	54.3
103	63.0	62.1	61.1	60.1	59.1	58.2	57.2	56.2	55.3	54.3
104	63.0	62.1	61.1	60.1	59.1	58.2	57.2	56.2	55.3	54.3
105	63.0	62.1	61.1	60.1	59.1	58.2	57.2	56.2	55.3	54.3
106	63.0	62.1	61.1	60.1	59.1	58.2	57.2	56.2	55.3	54.3

Ages	20	21	22	23	24	25	26	27	28	29
107	63.0	62.1	61.1	60.1	59.1	58.2	57.2	56.2	55.3	54.3
108	63.0	62.1	61.1	60.1	59.1	58.2	57.2	56.2	55.3	54.3
109	63.0	62.1	61.1	60.1	59.1	58.2	57.2	56.2	55.3	54.3
110	63.0	62.1	61.1	60.1	59.1	58.2	57.2	56.2	55.3	54.3
111	63.0	62.1	61.1	60.1	59.1	58.2	57.2	56.2	55.3	54.3
112	63.0	62.1	61.1	60.1	59.1	58.2	57.2	56.2	55.3	54.3
113	63.0	62.1	61.1	60.1	59.1	58.2	57.2	56.2	55.3	54.3
114	63.0	62.1	61.1	60.1	59.1	58.2	57.2	56.2	55.3	54.3
115+	63.0	62.1	61.1	60.1	59.1	58.2	57.2	56.2	55.3	54.3

  

Ages	30	31	32	33	34	35	36	37	38	39
30	60.2	59.7	59.2	58.8	58.4	58.0	57.6	57.3	57.0	56.7
31	59.7	59.2	58.7	58.2	57.8	57.4	57.0	56.6	56.3	56.0
32	59.2	58.7	58.2	57.7	57.2	56.8	56.4	56.0	55.6	55.3
33	58.8	58.2	57.7	57.2	56.7	56.2	55.8	55.4	55.0	54.7
34	58.4	57.8	57.2	56.7	56.2	55.7	55.3	54.8	54.4	54.0
35	58.0	57.4	56.8	56.2	55.7	55.2	54.7	54.3	53.8	53.4
36	57.6	57.0	56.4	55.8	55.3	54.7	54.2	53.7	53.3	52.8
37	57.3	56.6	56.0	55.4	54.8	54.3	53.7	53.2	52.7	52.3
38	57.0	56.3	55.6	55.0	54.4	53.8	53.3	52.7	52.2	51.7
39	56.7	56.0	55.3	54.7	54.0	53.4	52.8	52.3	51.7	51.2
40	56.4	55.7	55.0	54.3	53.7	53.0	52.4	51.8	51.3	50.8
41	56.1	55.4	54.7	54.0	53.3	52.7	52.0	51.4	50.9	50.3
42	55.9	55.2	54.4	53.7	53.0	52.3	51.7	51.1	50.4	49.9
43	55.7	54.9	54.2	53.4	52.7	52.0	51.3	50.7	50.1	49.5
44	55.5	54.7	53.9	53.2	52.4	51.7	51.0	50.4	49.7	49.1
45	55.3	54.5	53.7	52.9	52.2	51.5	50.7	50.0	49.4	48.7
46	55.1	54.3	53.5	52.7	52.0	51.2	50.5	49.8	49.1	48.4
47	55.0	54.1	53.3	52.5	51.7	51.0	50.2	49.5	48.8	48.1
48	54.8	54.0	53.2	52.3	51.5	50.8	50.0	49.2	48.5	47.8
49	54.7	53.8	53.0	52.2	51.4	50.6	49.8	49.0	48.2	47.5
50	54.6	53.7	52.9	52.0	51.2	50.4	49.6	48.8	48.0	47.3
51	54.5	53.6	52.7	51.9	51.0	50.2	49.4	48.6	47.8	47.0
52	54.4	53.5	52.6	51.7	50.9	50.0	49.2	48.4	47.6	46.8
53	54.3	53.4	52.5	51.6	50.8	49.9	49.1	48.2	47.4	46.6
54	54.2	53.3	52.4	51.5	50.6	49.8	48.9	48.1	47.2	46.4
55	54.1	53.2	52.3	51.4	50.5	49.7	48.8	47.9	47.1	46.3
56	54.0	53.1	52.2	51.3	50.4	49.5	48.7	47.8	47.0	46.1
57	54.0	53.0	52.1	51.2	50.3	49.4	48.6	47.7	46.8	46.0
58	53.9	53.0	52.1	51.2	50.3	49.4	48.6	47.6	46.8	45.8
59	53.8	52.9	52.0	51.1	50.2	49.3	48.4	47.5	46.6	45.7
60	53.8	52.9	51.9	51.0	50.1	49.2	48.3	47.4	46.5	45.6
61	53.8	52.8	51.9	51.0	50.0	49.1	48.2	47.3	46.4	45.5
62	53.7	52.8	51.8	50.9	50.0	49.1	48.2	47.2	46.3	45.4
63	53.7	52.7	51.8	50.9	49.9	49.0	48.1	47.2	46.3	45.3
64	53.6	52.7	51.8	50.8	49.9	49.0	48.1	47.1	46.2	45.3
65	53.6	52.7	51.7	50.8	49.8	48.9	48.0	47.0	46.1	45.2

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66	53.6	52.6	51.7	50.7	49.8	48.9	47.9	47.0	46.1	45.1
67	53.6	52.6	51.7	50.7	49.8	48.8	47.9	46.9	46.0	45.1
68	53.5	52.6	51.6	50.6	49.7	48.8	47.8	46.9	46.0	45.0
69	53.5	52.5	51.6	50.6	49.7	48.7	47.8	46.8	45.9	45.0
70	53.5	52.5	51.6	50.6	49.6	48.7	47.7	46.8	45.9	44.9
71	53.5	52.5	51.5	50.6	49.6	48.7	47.7	46.8	45.8	44.9
72	53.4	52.5	51.5	50.6	49.6	48.6	47.7	46.7	45.8	44.8
73	53.4	52.5	51.5	50.5	49.6	48.6	47.7	46.7	45.8	44.8
74	53.4	52.5	51.5	50.5	49.6	48.6	47.7	46.7	45.7	44.8
75	53.4	52.5	51.5	50.5	49.6	48.6	47.6	46.7	45.7	44.8
76	53.4	52.4	51.5	50.5	49.5	48.6	47.6	46.7	45.7	44.8
77	53.4	52.4	51.5	50.5	49.5	48.6	47.6	46.6	45.7	44.7
78	53.4	52.4	51.5	50.5	49.5	48.6	47.6	46.6	45.7	44.7
79	53.4	52.4	51.4	50.5	49.5	48.6	47.6	46.6	45.7	44.7
80	53.4	52.4	51.4	50.5	49.5	48.5	47.6	46.6	45.7	44.7
81	53.4	52.4	51.4	50.5	49.5	48.5	47.6	46.6	45.7	44.7
82	53.4	52.4	51.4	50.5	49.5	48.5	47.6	46.6	45.6	44.7
83	53.4	52.4	51.4	50.5	49.5	48.5	47.6	46.6	45.6	44.7
84	53.4	52.4	51.4	50.5	49.5	48.5	47.6	46.6	45.6	44.7
85	53.3	52.4	51.4	50.4	49.5	48.5	47.5	46.6	45.6	44.7
86	53.3	52.4	51.4	50.4	49.5	48.5	47.5	46.6	45.6	44.6
87	53.3	52.4	51.4	50.4	49.5	48.5	47.5	46.6	45.6	44.6
88	53.3	52.4	51.4	50.4	49.5	48.5	47.5	46.6	45.6	44.6
89	53.3	52.4	51.4	50.4	49.5	48.5	47.5	46.6	45.6	44.6
90	53.3	52.4	51.4	50.4	49.5	48.5	47.5	46.6	45.6	44.6
91	53.3	52.4	51.4	50.4	49.5	48.5	47.5	46.6	45.6	44.6
92	53.3	52.4	51.4	50.4	49.5	48.5	47.5	46.6	45.6	44.6
93	53.3	52.4	51.4	50.4	49.5	48.5	47.5	46.6	45.6	44.6
94	53.3	52.4	51.4	50.4	49.5	48.5	47.5	46.6	45.6	44.6
95	53.3	52.4	51.4	50.4	49.5	48.5	47.5	46.6	45.6	44.6
96	53.3	52.4	51.4	50.4	49.5	48.5	47.5	46.5	45.6	44.6
97	53.3	52.4	51.4	50.4	49.5	48.5	47.5	46.5	45.6	44.6
98	53.3	52.4	51.4	50.4	49.5	48.5	47.5	46.5	45.6	44.6
99	53.3	52.4	51.4	50.4	49.5	48.5	47.5	46.5	45.6	44.6
100	53.3	52.4	51.4	50.4	49.5	48.5	47.5	46.5	45.6	44.6
101	53.3	52.4	51.4	50.4	49.5	48.5	47.5	46.5	45.6	44.6
102	53.3	52.4	51.4	50.4	49.5	48.5	47.5	46.5	45.6	44.6
103	53.3	52.4	51.4	50.4	49.5	48.5	47.5	46.5	45.6	44.6
104	53.3	52.4	51.4	50.4	49.4	48.5	47.5	46.5	45.6	44.6
105	53.3	52.4	51.4	50.4	49.4	48.5	47.5	46.5	45.6	44.6
106	53.3	52.4	51.4	50.4	49.4	48.5	47.5	46.5	45.6	44.6
107	53.3	52.4	51.4	50.4	49.4	48.5	47.5	46.5	45.6	44.6
108	53.3	52.4	51.4	50.4	49.4	48.5	47.5	46.5	45.6	44.6
109	53.3	52.4	51.4	50.4	49.4	48.5	47.5	46.5	45.6	44.6
110	53.3	52.4	51.4	50.4	49.4	48.5	47.5	46.5	45.6	44.6
111	53.3	52.4	51.4	50.4	49.4	48.5	47.5	46.5	45.6	44.6
112	53.3	52.4	51.4	50.4	49.4	48.5	47.5	46.5	45.6	44.6
113	53.3	52.4	51.4	50.4	49.4	48.5	47.5	46.5	45.6	44.6
114	53.3	52.4	51.4	50.4	49.4	48.5	47.5	46.5	45.6	44.6
115+	53.3	52.4	51.4	50.4	49.4	48.5	47.5	46.5	45.6	44.6

Ages	40	41	42	43	44	45	46	47	48	49
40	50.2	49.8	49.3	48.9	48.5	48.1	47.7	47.4	47.1	46.8
41	49.8	49.3	48.8	48.3	47.9	47.5	47.1	46.7	46.4	46.1
42	49.3	48.8	48.3	47.8	47.3	46.9	46.5	46.1	45.8	45.4
43	48.9	48.3	47.8	47.3	46.8	46.3	45.9	45.5	45.1	44.8
44	48.5	47.9	47.3	46.8	46.3	45.8	45.4	44.9	44.5	44.2
45	48.1	47.5	46.9	46.3	45.8	45.3	44.8	44.4	44.0	43.6
46	47.7	47.1	46.5	45.9	45.4	44.8	44.3	43.9	43.4	43.0
47	47.4	46.7	46.1	45.5	44.9	44.4	43.9	43.4	42.9	42.4
48	47.1	46.4	45.8	45.1	44.5	44.0	43.4	42.9	42.4	41.9
49	46.8	46.1	45.4	44.8	44.2	43.6	43.0	42.4	41.9	41.4
50	46.5	45.8	45.1	44.4	43.8	43.2	42.6	42.0	41.5	40.9
51	46.3	45.5	44.8	44.1	43.5	42.8	42.2	41.6	41.0	40.5
52	46.0	45.3	44.6	43.8	43.2	42.5	41.8	41.2	40.6	40.1
53	45.8	45.1	44.3	43.6	42.9	42.2	41.5	40.9	40.3	39.7
54	45.6	44.8	44.1	43.3	42.6	41.9	41.2	40.5	39.9	39.3
55	45.5	44.7	43.9	43.1	42.4	41.6	40.9	40.2	39.6	38.9
56	45.3	44.5	43.7	42.9	42.1	41.4	40.7	40.0	39.3	38.6
57	45.1	44.3	43.5	42.7	41.9	41.2	40.4	39.7	39.0	38.3
58	45.0	44.2	43.3	42.5	41.7	40.9	40.2	39.4	38.7	38.0
59	44.9	44.0	43.2	42.4	41.5	40.7	40.0	39.2	38.5	37.8
60	44.7	43.9	43.0	42.2	41.4	40.6	39.8	39.0	38.2	37.5
61	44.6	43.8	42.9	42.1	41.2	40.4	39.6	38.8	38.0	37.3
62	44.5	43.7	42.8	41.9	41.1	40.3	39.4	38.6	37.8	37.1
63	44.5	43.6	42.7	41.8	41.0	40.1	39.3	38.5	37.7	36.9
64	44.4	43.5	42.6	41.7	40.8	40.0	39.2	38.3	37.5	36.7
65	44.3	43.4	42.5	41.6	40.7	39.9	39.0	38.2	37.4	36.6
66	44.2	43.3	42.4	41.5	40.6	39.8	38.9	38.1	37.2	36.4
67	44.2	43.3	42.3	41.4	40.6	39.7	38.8	38.0	37.1	36.3
68	44.1	43.2	42.3	41.4	40.5	39.6	38.7	37.9	37.0	36.2
69	44.1	43.1	42.2	41.3	40.4	39.5	38.6	37.8	36.9	36.0
70	44.0	43.1	42.2	41.3	40.3	39.4	38.6	37.7	36.8	35.9
71	44.0	43.0	42.1	41.2	40.3	39.4	38.5	37.6	36.7	35.9
72	43.9	43.0	42.1	41.1	40.2	39.3	38.4	37.5	36.6	35.8
73	43.9	43.0	42.0	41.1	40.2	39.3	38.4	37.5	36.6	35.7
74	43.9	42.9	42.0	41.1	40.1	39.2	38.3	37.4	36.5	35.6
75	43.8	42.9	42.0	41.0	40.1	39.2	38.3	37.4	36.5	35.6
76	43.8	42.9	41.9	41.0	40.1	39.1	38.2	37.3	36.4	35.5
77	43.8	42.9	41.9	41.0	40.0	39.1	38.2	37.3	36.4	35.5
78	43.8	42.8	41.9	40.9	40.0	39.1	38.2	37.2	36.3	35.4
79	43.8	42.8	41.9	40.9	40.0	39.1	38.1	37.2	36.3	35.4
80	43.7	42.8	41.8	40.9	40.0	39.0	38.1	37.2	36.3	35.4
81	43.7	42.8	41.8	40.9	39.9	39.0	38.1	37.2	36.2	35.3
82	43.7	42.8	41.8	40.9	39.9	39.0	38.1	37.1	36.2	35.3
83	43.7	42.8	41.8	40.9	39.9	39.0	38.0	37.1	36.2	35.3
84	43.7	42.7	41.8	40.8	39.9	39.0	38.0	37.1	36.2	35.3
85	43.7	42.7	41.8	40.8	39.9	38.9	38.0	37.1	36.2	35.2
86	43.7	42.7	41.8	40.8	39.9	38.9	38.0	37.1	36.1	35.2
87	43.7	42.7	41.8	40.8	39.9	38.9	38.0	37.0	36.1	35.2

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	50	51	52	53	54	55	56	57	58	59
88	43.7	42.7	41.8	40.8	39.9	38.9	38.0	37.0	36.1	35.2
89	43.7	42.7	41.7	40.8	39.8	38.9	38.0	37.0	36.1	35.2
90	43.7	42.7	41.7	40.8	39.8	38.9	38.0	37.0	36.1	35.2
91	43.7	42.7	41.7	40.8	39.8	38.9	37.9	37.0	36.1	35.1
92	43.7	42.7	41.7	40.8	39.8	38.9	37.9	37.0	36.1	35.1
93	43.7	42.7	41.7	40.8	39.8	38.9	37.9	37.0	36.1	35.1
94	43.7	42.7	41.7	40.8	39.8	38.9	37.9	37.0	36.1	35.1
95	43.6	42.7	41.7	40.8	39.8	38.9	37.9	37.0	36.1	35.1
96	43.6	42.7	41.7	40.8	39.8	38.9	37.9	37.0	36.1	35.1
97	43.6	42.7	41.7	40.8	39.8	38.9	37.9	37.0	36.0	35.1
98	43.6	42.7	41.7	40.8	39.8	38.9	37.9	37.0	36.0	35.1
99	43.6	42.7	41.7	40.8	39.8	38.9	37.9	37.0	36.0	35.1
100	43.6	42.7	41.7	40.8	39.8	38.9	37.9	37.0	36.0	35.1
101	43.6	42.7	41.7	40.8	39.8	38.9	37.9	37.0	36.0	35.1
102	43.6	42.7	41.7	40.8	39.8	38.9	37.9	37.0	36.0	35.1
103	43.6	42.7	41.7	40.8	39.8	38.8	37.9	37.0	36.0	35.1
104	43.6	42.7	41.7	40.8	39.8	38.8	37.9	37.0	36.0	35.1
105	43.6	42.7	41.7	40.8	39.8	38.8	37.9	37.0	36.0	35.1
106	43.6	42.7	41.7	40.8	39.8	38.8	37.9	37.0	36.0	35.1
107	43.6	42.7	41.7	40.8	39.8	38.8	37.9	37.0	36.0	35.1
108	43.6	42.7	41.7	40.8	39.8	38.8	37.9	37.0	36.0	35.1
109	43.6	42.7	41.7	40.7	39.8	38.8	37.9	37.0	36.0	35.1
110	43.6	42.7	41.7	40.7	39.8	38.8	37.9	37.0	36.0	35.1
111	43.6	42.7	41.7	40.7	39.8	38.8	37.9	37.0	36.0	35.1
112	43.6	42.7	41.7	40.7	39.8	38.8	37.9	37.0	36.0	35.1
113	43.6	42.7	41.7	40.7	39.8	38.8	37.9	37.0	36.0	35.1
114	43.6	42.7	41.7	40.7	39.8	38.8	37.9	37.0	36.0	35.1
115+	43.6	42.7	41.7	40.7	39.8	38.8	37.9	37.0	36.0	35.1

  

Ages	50	51	52	53	54	55	56	57	58	59
50	40.4	40.0	39.5	39.1	38.7	38.3	38.0	37.6	37.3	37.1
51	40.0	39.5	39.0	38.5	38.1	37.7	37.4	37.0	36.7	36.4
52	39.5	39.0	38.5	38.0	37.6	37.2	36.8	36.4	36.0	35.7
53	39.1	38.5	38.0	37.5	37.1	36.6	36.2	35.8	35.4	35.1
54	38.7	38.1	37.6	37.1	36.6	36.1	35.7	35.2	34.8	34.5
55	38.3	37.7	37.2	36.6	36.1	35.6	35.1	34.7	34.3	33.9
56	38.0	37.4	36.8	36.2	35.7	35.1	34.7	34.2	33.7	33.3
57	37.6	37.0	36.4	35.8	35.2	34.7	34.2	33.7	33.2	32.8
58	37.3	36.7	36.0	35.4	34.8	34.3	33.7	33.2	32.8	32.3
59	37.1	36.4	35.7	35.1	34.5	33.9	33.3	32.8	32.3	31.8
60	36.8	36.1	35.4	34.8	34.1	33.5	32.9	32.4	31.9	31.3
61	36.6	35.8	35.1	34.5	33.8	33.2	32.6	32.0	31.4	30.9
62	36.3	35.6	34.9	34.2	33.5	32.9	32.2	31.6	31.1	30.5
63	36.1	35.4	34.6	33.9	33.2	32.6	31.9	31.3	30.7	30.1
64	35.9	35.2	34.4	33.7	33.0	32.3	31.6	31.0	30.4	29.8
65	35.6	35.0	34.2	33.5	32.7	32.0	31.4	30.7	30.0	29.4
66	35.6	34.8	34.0	33.3	32.5	31.8	31.1	30.4	29.8	29.1
67	35.5	34.7	33.9	33.1	32.3	31.6	30.9	30.2	29.5	28.8
68	35.3	34.5	33.7	32.9	32.1	31.4	30.7	29.9	29.2	28.6

Ages	50	51	52	53	54	55	56	57	58	59
69	35.2	34.4	33.6	32.8	32.0	31.2	30.5	29.7	29.0	28.3
70	35.1	34.3	33.4	32.6	31.8	31.1	30.3	29.5	28.8	28.1
71	35.0	34.2	33.3	32.5	31.7	30.9	30.1	29.4	28.6	27.9
72	34.9	34.1	33.2	32.4	31.6	30.8	30.0	29.2	28.4	27.7
73	34.8	34.0	33.1	32.3	31.5	30.6	29.8	29.1	28.3	27.5
74	34.8	33.9	33.0	32.2	31.4	30.5	29.7	28.9	28.1	27.4
75	34.7	33.8	33.0	32.1	31.3	30.4	29.6	28.8	28.0	27.2
76	34.6	33.8	32.9	32.0	31.2	30.3	29.5	28.7	27.9	27.1
77	34.6	33.7	32.8	32.0	31.1	30.3	29.4	28.6	27.8	27.0
78	34.5	33.6	32.8	31.9	31.0	30.2	29.3	28.5	27.7	26.9
79	34.5	33.6	32.7	31.8	31.0	30.1	29.3	28.4	27.6	26.8
80	34.5	33.6	32.7	31.8	30.9	30.1	29.2	28.4	27.5	26.7
81	34.4	33.5	32.6	31.8	30.9	30.0	29.2	28.3	27.5	26.6
82	34.4	33.5	32.6	31.7	30.8	30.0	29.1	28.3	27.4	26.6
83	34.4	33.5	32.6	31.7	30.8	29.9	29.1	28.2	27.4	26.5
84	34.3	33.4	32.5	31.7	30.8	29.9	29.0	28.2	27.3	26.5
85	34.3	33.4	32.5	31.6	30.7	29.9	29.0	28.1	27.3	26.4
86	34.3	33.4	32.5	31.6	30.7	29.8	29.0	28.1	27.2	26.4
87	34.3	33.4	32.5	31.6	30.7	29.8	28.9	28.1	27.2	26.4
88	34.3	33.4	32.5	31.6	30.7	29.8	28.9	28.0	27.2	26.3
89	34.3	33.3	32.4	31.5	30.7	29.8	28.9	28.0	27.2	26.3
90	34.2	33.3	32.4	31.5	30.6	29.8	28.9	28.0	27.1	26.3
91	34.2	33.3	32.4	31.5	30.6	29.7	28.9	28.0	27.1	26.3
92	34.2	33.3	32.4	31.5	30.6	29.7	28.8	28.0	27.1	26.2
93	34.2	33.3	32.4	31.5	30.6	29.7	28.8	28.0	27.1	26.2
94	34.2	33.3	32.4	31.5	30.6	29.7	28.8	27.9	27.1	26.2
95	34.2	33.3	32.4	31.5	30.6	29.7	28.8	27.9	27.1	26.2
96	34.2	33.3	32.4	31.5	30.6	29.7	28.8	27.9	27.0	26.2
97	34.2	33.3	32.4	31.5	30.6	29.7	28.8	27.9	27.0	26.2
98	34.2	33.3	32.4	31.5	30.6	29.7	28.8	27.9	27.0	26.2
99	34.2	33.3	32.4	31.5	30.6	29.7	28.8	27.9	27.0	26.2
100	34.2	33.3	32.4	31.5	30.6	29.7	28.8	27.9	27.0	26.1
101	34.2	33.3	32.4	31.5	30.6	29.7	28.8	27.9	27.0	26.1
102	34.2	33.3	32.4	31.4	30.5	29.7	28.8	27.9	27.0	26.1
103	34.2	33.3	32.4	31.4	30.5	29.7	28.8	27.9	27.0	26.1
104	34.2	33.3	32.4	31.4	30.5	29.6	28.8	27.9	27.0	26.1
105	34.2	33.3	32.3	31.4	30.5	29.6	28.8	27.9	27.0	26.1
106	34.2	33.3	32.3	31.4	30.5	29.6	28.8	27.9	27.0	26.1
107	34.2	33.3	32.3	31.4	30.5	29.6	28.8	27.9	27.0	26.1
108	34.2	33.3	32.3	31.4	30.5	29.6	28.8	27.9	27.0	26.1
109	34.2	33.3	32.3	31.4	30.5	29.6	28.7	27.9	27.0	26.1
110	34.2	33.3	32.3	31.4	30.5	29.6	28.7	27.9	27.0	26.1
111	34.2	33.3	32.3	31.4	30.5	29.6	28.7	27.9	27.0	26.1
112	34.2	33.3	32.3	31.4	30.5	29.6	28.7	27.9	27.0	26.1
113	34.2	33.3	32.3	31.4	30.5	29.6	28.7	27.9	27.0	26.1
114	34.2	33.3	32.3	31.4	30.5	29.6	28.7	27.9	27.0	26.1
115+	34.2	33.3	32.3	31.4	30.5	29.6	28.7	27.9	27.0	26.1

Ages	60	61	62	63	64	65	66	67	68	69
60	30.9	30.4	30.0	29.6	29.2	28.8	28.5	28.2	27.9	27.6
61	30.4	29.9	29.5	29.0	28.6	28.3	27.9	27.6	27.3	27.0
62	30.0	29.5	29.0	28.5	28.1	27.7	27.3	27.0	26.7	26.4
63	29.6	29.0	28.5	28.1	27.6	27.2	26.8	26.4	26.1	25.7
64	29.2	28.6	28.1	27.6	27.1	26.7	26.3	25.9	25.5	25.2
65	28.8	28.3	27.7	27.2	26.7	26.2	25.8	25.4	25.0	24.6
66	28.5	27.9	27.3	26.8	26.3	25.8	25.3	24.9	24.5	24.1
67	28.2	27.6	27.0	26.4	25.9	25.4	24.9	24.4	24.0	23.6
68	27.9	27.3	26.7	26.1	25.5	25.0	24.5	24.0	23.5	23.1
69	27.6	27.0	26.4	25.7	25.2	24.6	24.1	23.6	23.1	22.6
70	27.4	26.7	26.1	25.4	24.8	24.3	23.7	23.2	22.7	22.2
71	27.2	26.5	25.8	25.2	24.5	23.9	23.4	22.8	22.3	21.8
72	27.0	26.3	25.6	24.9	24.3	23.7	23.1	22.5	22.0	21.4
73	26.8	26.1	25.4	24.7	24.0	23.4	22.8	22.2	21.6	21.1
74	26.6	25.9	25.2	24.5	23.8	23.1	22.5	21.9	21.3	20.8
75	26.5	25.7	25.0	24.3	23.6	22.9	22.3	21.6	21.0	20.5
76	26.3	25.6	24.8	24.1	23.4	22.7	22.0	21.4	20.8	20.2
77	26.2	25.4	24.7	23.9	23.2	22.5	21.8	21.2	20.6	19.9
78	26.1	25.3	24.6	23.8	23.1	22.4	21.7	21.0	20.3	19.7
79	26.0	25.2	24.4	23.7	22.9	22.2	21.5	20.8	20.1	19.5
80	25.9	25.1	24.3	23.6	22.8	22.1	21.3	20.6	20.0	19.3
81	25.8	25.0	24.2	23.4	22.7	21.9	21.2	20.5	19.8	19.1
82	25.8	24.9	24.1	23.4	22.6	21.8	21.1	20.4	19.7	19.0
83	25.7	24.9	24.1	23.3	22.5	21.7	21.0	20.2	19.5	18.8
84	25.6	24.8	24.0	23.2	22.4	21.6	20.9	20.1	19.4	18.7
85	25.6	24.8	23.9	23.1	22.3	21.6	20.8	20.1	19.3	18.6
86	25.5	24.7	23.9	23.1	22.3	21.5	20.7	20.0	19.2	18.5
87	25.5	24.7	23.8	23.0	22.2	21.4	20.7	19.9	19.2	18.4
88	25.5	24.6	23.8	23.0	22.2	21.4	20.6	19.8	19.1	18.3
89	25.4	24.6	23.8	22.9	22.1	21.3	20.5	19.8	19.0	18.3
90	25.4	24.6	23.7	22.9	22.1	21.3	20.5	19.7	19.0	18.2
91	25.4	24.5	23.7	22.9	22.1	21.3	20.5	19.7	18.9	18.2
92	25.4	24.5	23.7	22.9	22.0	21.2	20.4	19.6	18.9	18.1
93	25.4	24.5	23.7	22.8	22.0	21.2	20.4	19.6	18.8	18.1
94	25.3	24.5	23.6	22.8	22.0	21.2	20.3	19.6	18.8	18.0
95	25.3	24.5	23.6	22.8	22.0	21.1	20.3	19.6	18.8	18.0
96	25.3	24.5	23.6	22.8	21.9	21.1	20.3	19.5	18.8	18.0
97	25.3	24.5	23.6	22.8	21.9	21.1	20.3	19.5	18.7	18.0
98	25.3	24.4	23.6	22.8	21.9	21.1	20.3	19.5	18.7	17.9
99	25.3	24.4	23.6	22.7	21.9	21.1	20.3	19.5	18.7	17.9
100	25.3	24.4	23.6	22.7	21.9	21.1	20.2	19.4	18.7	17.9
101	25.3	24.4	23.6	22.7	21.9	21.1	20.2	19.4	18.6	17.9
102	25.3	24.4	23.6	22.7	21.9	21.1	20.2	19.4	18.6	17.9
103	25.3	24.4	23.6	22.7	21.9	21.0	20.2	19.4	18.6	17.9
104	25.3	24.4	23.5	22.7	21.9	21.0	20.2	19.4	18.6	17.8
105	25.3	24.4	23.5	22.7	21.9	21.0	20.2	19.4	18.6	17.8
106	25.3	24.4	23.5	22.7	21.9	21.0	20.2	19.4	18.6	17.8
107	25.2	24.4	23.5	22.7	21.8	21.0	20.2	19.4	18.6	17.8

Ages	60	61	62	63	64	65	66	67	68	69
108	25.2	24.4	23.5	22.7	21.8	21.0	20.2	19.4	18.6	17.8
109	25.2	24.4	23.5	22.7	21.8	21.0	20.2	19.4	18.6	17.8
110	25.2	24.4	23.5	22.7	21.8	21.0	20.2	19.4	18.6	17.8
111	25.2	24.4	23.5	22.7	21.8	21.0	20.2	19.4	18.6	17.8
112	25.2	24.4	23.5	22.7	21.8	21.0	20.2	19.4	18.6	17.8
113	25.2	24.4	23.5	22.7	21.8	21.0	20.2	19.4	18.6	17.8
114	25.2	24.4	23.5	22.7	21.8	21.0	20.2	19.4	18.6	17.8
115+	25.2	24.4	23.5	22.7	21.8	21.0	20.2	19.4	18.6	17.8

Ages	70	71	72	73	74	75	76	77	78	79
70	21.8	21.3	20.9	20.6	20.2	19.9	19.6	19.4	19.1	18.9
71	21.3	20.9	20.5	20.1	19.7	19.4	19.1	18.8	18.5	18.3
72	20.9	20.5	20.0	19.6	19.3	18.9	18.6	18.3	18.0	17.7
73	20.6	20.1	19.6	19.2	18.8	18.4	18.1	17.8	17.5	17.2
74	20.2	19.7	19.3	18.8	18.4	18.0	17.6	17.3	17.0	16.7
75	19.9	19.4	18.9	18.4	18.0	17.6	17.2	16.8	16.5	16.2
76	19.6	19.1	18.6	18.1	17.6	17.2	16.8	16.4	16.0	15.7
77	19.4	18.8	18.3	17.8	17.3	16.8	16.4	16.0	15.6	15.3
78	19.1	18.5	18.0	17.5	17.0	16.5	16.0	15.6	15.2	14.9
79	18.9	18.3	17.7	17.2	16.7	16.2	15.7	15.3	14.9	14.5
80	18.7	18.1	17.5	16.9	16.4	15.9	15.4	15.0	14.5	14.1
81	18.5	17.9	17.3	16.7	16.2	15.6	15.1	14.7	14.2	13.8
82	18.3	17.7	17.1	16.5	15.9	15.4	14.9	14.4	13.9	13.5
83	18.2	17.5	16.9	16.3	15.7	15.2	14.7	14.2	13.7	13.2
84	18.0	17.4	16.7	16.1	15.5	15.0	14.4	13.9	13.4	13.0
85	17.9	17.3	16.6	16.0	15.4	14.8	14.3	13.7	13.2	12.8
86	17.8	17.1	16.5	15.8	15.2	14.6	14.1	13.5	13.0	12.5
87	17.7	17.0	16.4	15.7	15.1	14.5	13.9	13.4	12.9	12.4
88	17.6	16.9	16.3	15.6	15.0	14.4	13.8	13.2	12.7	12.2
89	17.6	16.9	16.2	15.5	14.9	14.3	13.7	13.1	12.6	12.0
90	17.5	16.8	16.1	15.4	14.8	14.2	13.6	13.0	12.4	11.9
91	17.4	16.7	16.0	15.4	14.7	14.1	13.5	12.9	12.3	11.8
92	17.4	16.7	16.0	15.3	14.6	14.0	13.4	12.8	12.2	11.7
93	17.3	16.6	15.9	15.2	14.6	13.9	13.3	12.7	12.1	11.6
94	17.3	16.6	15.9	15.2	14.5	13.9	13.2	12.6	12.0	11.5
95	17.3	16.5	15.8	15.1	14.5	13.8	13.2	12.6	12.0	11.4
96	17.2	16.5	15.8	15.1	14.4	13.8	13.1	12.5	11.9	11.3
97	17.2	16.5	15.8	15.1	14.4	13.7	13.1	12.5	11.9	11.3
98	17.2	16.4	15.7	15.0	14.3	13.7	13.0	12.4	11.8	11.2
99	17.2	16.4	15.7	15.0	14.3	13.6	13.0	12.4	11.8	11.2
100	17.1	16.4	15.7	15.0	14.3	13.6	12.9	12.3	11.7	11.1
101	17.1	16.4	15.6	14.9	14.2	13.5	12.9	12.3	11.7	11.1
102	17.1	16.4	15.6	14.9	14.2	13.5	12.9	12.2	11.6	11.0
103	17.1	16.3	15.6	14.9	14.2	13.5	12.9	12.2	11.6	11.0
104	17.1	16.3	15.6	14.9	14.2	13.5	12.8	12.2	11.6	11.0
105	17.1	16.3	15.6	14.9	14.2	13.5	12.8	12.2	11.5	10.9
106	17.1	16.3	15.6	14.8	14.1	13.5	12.8	12.2	11.5	10.9



	80	81	82	83	84	85	86	87	88	89
107 .....	17.0	16.3	15.6	14.8	14.1	13.4	12.8	12.1	11.5	10.9
108 .....	17.0	16.3	15.5	14.8	14.1	13.4	12.8	12.1	11.5	10.9
109 .....	17.0	16.3	15.5	14.8	14.1	13.4	12.8	12.1	11.5	10.9
110 .....	17.0	16.3	15.5	14.8	14.1	13.4	12.7	12.1	11.5	10.8
111 .....	17.0	16.3	15.5	14.8	14.1	13.4	12.7	12.1	11.5	10.8
112 .....	17.0	16.3	15.5	14.8	14.1	13.4	12.7	12.1	11.4	10.8
113 .....	17.0	16.3	15.5	14.8	14.1	13.4	12.7	12.1	11.4	10.8
114 .....	17.0	16.3	15.5	14.8	14.1	13.4	12.7	12.1	11.4	10.8
115+ .....	17.0	16.3	15.5	14.8	14.1	13.4	12.7	12.1	11.4	10.8
Ages										
80 .....	13.8	13.4	13.1	12.8	12.6	12.3	12.1	11.9	11.7	11.5
81 .....	13.4	13.1	12.7	12.4	12.2	11.9	11.7	11.4	11.3	11.1
82 .....	13.1	12.7	12.4	12.1	11.8	11.5	11.3	11.0	10.8	10.6
83 .....	12.8	12.4	12.1	11.7	11.4	11.1	10.9	10.6	10.4	10.2
84 .....	12.6	12.2	11.8	11.4	11.1	10.8	10.5	10.3	10.1	9.9
85 .....	12.3	11.9	11.5	11.1	10.8	10.5	10.2	9.9	9.7	9.5
86 .....	12.1	11.7	11.3	10.9	10.5	10.2	9.9	9.6	9.4	9.2
87 .....	11.9	11.4	11.0	10.6	10.3	9.9	9.6	9.4	9.1	8.9
88 .....	11.7	11.3	10.8	10.4	10.1	9.7	9.4	9.1	8.8	8.6
89 .....	11.5	11.1	10.6	10.2	9.9	9.5	9.2	8.9	8.6	8.3
90 .....	11.4	10.9	10.5	10.1	9.7	9.3	9.0	8.6	8.3	8.1
91 .....	11.3	10.8	10.3	9.9	9.5	9.1	8.8	8.4	8.1	7.9
92 .....	11.2	10.7	10.2	9.8	9.3	9.0	8.6	8.3	8.0	7.7
93 .....	11.1	10.6	10.1	9.6	9.2	8.8	8.5	8.1	7.8	7.5
94 .....	11.0	10.5	10.0	9.5	9.1	8.7	8.3	8.0	7.6	7.3
95 .....	10.9	10.4	9.9	9.4	9.0	8.6	8.2	7.8	7.5	7.2
96 .....	10.8	10.3	9.8	9.3	8.9	8.5	8.1	7.7	7.4	7.1
97 .....	10.7	10.2	9.7	9.2	8.8	8.4	8.0	7.6	7.3	6.9
98 .....	10.6	10.1	9.6	9.2	8.7	8.3	7.9	7.5	7.1	6.8
99 .....	10.6	10.1	9.6	9.1	8.6	8.2	7.8	7.4	7.0	6.7
100 .....	10.6	10.0	9.5	9.0	8.5	8.1	7.7	7.3	6.9	6.6
101 .....	10.5	10.0	9.4	9.0	8.5	8.0	7.6	7.2	6.8	6.5
102 .....	10.5	9.9	9.4	8.9	8.4	8.0	7.5	7.1	6.8	6.4
103 .....	10.4	9.9	9.4	8.8	8.4	7.9	7.5	7.1	6.7	6.3
104 .....	10.4	9.8	9.3	8.8	8.3	7.9	7.4	7.0	6.6	6.3
105 .....	10.4	9.8	9.3	8.8	8.3	7.8	7.4	7.0	6.6	6.2
106 .....	10.3	9.8	9.2	8.7	8.2	7.8	7.3	6.9	6.5	6.2
107 .....	10.3	9.8	9.2	8.7	8.2	7.7	7.3	6.9	6.5	6.1
108 .....	10.3	9.7	9.2	8.7	8.2	7.7	7.3	6.8	6.4	6.1
109 .....	10.3	9.7	9.2	8.7	8.2	7.7	7.2	6.8	6.4	6.0
110 .....	10.3	9.7	9.2	8.6	8.1	7.7	7.2	6.8	6.4	6.0
111 .....	10.3	9.7	9.1	8.6	8.1	7.6	7.2	6.8	6.3	6.0
112 .....	10.2	9.7	9.1	8.6	8.1	7.6	7.2	6.7	6.3	5.9
113 .....	10.2	9.7	9.1	8.6	8.1	7.6	7.2	6.7	6.3	5.9
114 .....	10.2	9.7	9.1	8.6	8.1	7.6	7.1	6.7	6.3	5.9
115+ .....	10.2	9.7	9.1	8.6	8.1	7.6	7.1	6.7	6.3	5.9

Ages	90	91	92	93	94	95	96	97	98	99
90	7.8	7.6	7.4	7.2	7.1	6.9	6.8	6.6	6.5	6.4
91	7.6	7.4	7.2	7.0	6.8	6.7	6.5	6.4	6.3	6.1
92	7.4	7.2	7.0	6.8	6.6	6.4	6.3	6.1	6.0	5.9
93	7.2	7.0	6.8	6.6	6.4	6.2	6.1	5.9	5.8	5.6
94	7.1	6.8	6.6	6.4	6.2	6.0	5.9	5.7	5.6	5.4
95	6.9	6.7	6.4	6.2	6.0	5.8	5.7	5.5	5.4	5.2
96	6.8	6.5	6.3	6.1	5.9	5.7	5.5	5.3	5.2	5.0
97	6.6	6.4	6.1	5.9	5.7	5.5	5.3	5.2	5.0	4.9
98	6.5	6.3	6.0	5.8	5.6	5.4	5.2	5.0	4.8	4.7
99	6.4	6.1	5.9	5.6	5.4	5.2	5.0	4.9	4.7	4.5
100	6.3	6.0	5.8	5.5	5.3	5.1	4.9	4.7	4.5	4.4
101	6.2	5.9	5.6	5.4	5.2	5.0	4.8	4.6	4.4	4.2
102	6.1	5.8	5.5	5.3	5.1	4.8	4.6	4.4	4.3	4.1
103	6.0	5.7	5.4	5.2	5.0	4.7	4.5	4.3	4.1	4.0
104	5.9	5.6	5.4	5.1	4.9	4.6	4.4	4.2	4.0	3.8
105	5.9	5.6	5.4	5.1	4.8	4.5	4.3	4.1	3.9	3.7
106	5.8	5.5	5.2	4.9	4.7	4.5	4.2	4.0	3.8	3.6
107	5.8	5.4	5.1	4.9	4.6	4.4	4.2	3.9	3.7	3.5
108	5.7	5.4	5.1	4.8	4.6	4.3	4.1	3.9	3.7	3.5
109	5.7	5.3	5.0	4.8	4.5	4.3	4.0	3.8	3.6	3.4
110	5.6	5.3	5.0	4.7	4.5	4.2	4.0	3.8	3.5	3.3
111	5.6	5.3	5.0	4.7	4.4	4.2	3.9	3.7	3.5	3.3
112	5.6	5.3	4.9	4.7	4.4	4.1	3.9	3.7	3.5	3.2
113	5.6	5.2	4.9	4.6	4.4	4.1	3.9	3.6	3.4	3.2
114	5.6	5.2	4.9	4.6	4.3	4.1	3.9	3.6	3.4	3.2
115+	5.5	5.2	4.9	4.6	4.3	4.1	3.8	3.6	3.4	3.1

  

Ages	100	101	102	103	104	105	106	107	108	109
100	4.2	4.1	3.9	3.8	3.7	3.5	3.4	3.3	3.3	3.2
101	4.1	3.9	3.7	3.6	3.5	3.4	3.2	3.1	3.1	3.0
102	3.9	3.7	3.6	3.4	3.3	3.2	3.1	2.9	2.9	2.8
103	3.8	3.6	3.4	3.3	3.2	3.0	2.9	2.8	2.7	2.6
104	3.7	3.5	3.3	3.2	3.0	2.9	2.7	2.6	2.5	2.4
105	3.5	3.4	3.2	3.0	2.9	2.7	2.6	2.5	2.4	2.3
106	3.4	3.2	3.1	2.9	2.7	2.6	2.4	2.3	2.2	2.1
107	3.3	3.1	3.0	2.8	2.6	2.5	2.3	2.2	2.1	2.0
108	3.3	3.1	2.9	2.7	2.5	2.4	2.2	2.1	1.9	1.8
109	3.2	3.0	2.8	2.6	2.4	2.3	2.1	2.0	1.8	1.7
110	3.1	2.9	2.7	2.5	2.3	2.2	2.0	1.9	1.7	1.6
111	3.1	2.9	2.7	2.5	2.3	2.1	1.9	1.8	1.6	1.5
112	3.0	2.8	2.6	2.4	2.2	2.0	1.9	1.7	1.5	1.4
113	3.0	2.8	2.6	2.4	2.2	2.0	1.9	1.6	1.5	1.3
114	3.0	2.7	2.5	2.3	2.1	1.9	1.8	1.6	1.4	1.3
115+	2.9	2.7	2.5	2.3	2.1	1.9	1.7	1.5	1.4	1.2

Ages	110	111	112	113	114	115+
110 .....	1.5	1.4	1.3	1.2	1.1	1.1
111 .....	1.4	1.2	1.1	1.1	1.0	1.0
112 .....	1.3	1.1	1.0	1.0	1.0	1.0
113 .....	1.2	1.1	1.0	1.0	1.0	1.0
114 .....	1.1	1.0	1.0	1.0	1.0	1.0
115+ .....	1.1	1.0	1.0	1.0	1.0	1.0

Q-4. May the tables under this section be changed?

A-4. The Single Life Table, Uniform Lifetime Table and Joint and Last Survivor Table provided in A-1 through A-3 of this section may be changed by the Commissioner in revenue rulings, notices, and other guidance published in the Internal Revenue Bulletin. See § 601.601(d)(2)(ii)(b) of this chapter.

[T.D. 8987, 67 FR 18994, Apr. 17, 2002; 67 FR 36676, May 24, 2002]

#### § 1.401(a)(17)-1 Limitation on annual compensation.

(a) *Compensation limit requirement*—(1) *In general.* In order to be a qualified plan, a plan must satisfy section 401(a)(17). Section 401(a)(17) provides an annual compensation limit for each employee under a qualified plan. This limit applies to a qualified plan in two ways. First, a plan may not base allocations, in the case of a defined contribution plan, or benefit accruals, in the case of a defined benefit plan, on compensation in excess of the annual compensation limit. Second, the amount of an employee's annual compensation that may be taken into account in applying certain specified nondiscrimination rules under the Internal Revenue Code is subject to the annual compensation limit. These two limitations are set forth in paragraphs (b) and (c) of this section, respectively. Paragraph (d) of this section provides the effective dates of section 401(a)(17), the amendments made by section 13212 of the Omnibus Budget Reconciliation Act of 1993 (OBRA '93), and this section. Paragraph (e) of this section provides rules for determining post-effective-date accrued benefits under the fresh-start rules.

(2) *Annual compensation limit for plan years beginning before January 1, 1994.* For purposes of this section, for plan years beginning prior to the OBRA '93 effective date, annual compensation

limit means \$200,000, adjusted as provided by the Commissioner. The amount of the annual compensation limit is adjusted at the same time and in the same manner as under section 415(d). The base period for the annual adjustment is the calendar quarter ending December 31, 1988, and the first adjustment is effective on January 1, 1990. Any increase in the annual compensation limit is effective as of January 1 of a calendar year and applies to any plan year beginning in that calendar year. In any plan year beginning prior to the OBRA '93 effective date, if compensation for any plan year beginning prior to the statutory effective date is used for determining allocations or benefit accruals, or when applying any nondiscrimination rule, then the annual compensation limit for the first plan year beginning on or after the statutory effective date (generally \$200,000) must be applied to compensation for that prior plan year.

(3) *Annual compensation limit for plan years beginning on or after January 1, 1994*—(i) *In general.* For purposes of this section, for plan years beginning on or after the OBRA '93 effective date, annual compensation limit means \$150,000, adjusted as provided by the Commissioner. The adjusted dollar amount of the annual compensation limit is determined by adjusting the \$150,000 amount for changes in the cost of living as provided in paragraph (a)(3)(ii) of this section and rounding this adjusted dollar amount as provided in paragraph (a)(3)(iii) of this section. Any increase in the annual compensation limit is effective as of January 1 of a calendar year and applies to any plan year beginning in that calendar year. For example, if a plan has a plan year beginning July 1, 1994, and ending June 30, 1995, the annual compensation limit in effect on January 1, 1994 (\$150,000), applies to the plan for the entire plan year.